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FOR	PATE	ENT A	PPLIC	CATION	•	

ATTORNEY DOCKET NO.	10016512-1
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As a below named inve					
My residence/post office			•		
I believe I am the origing joint inventor (if plural patent is sought on the MEMORY	nal, first names invent	and sole inventories listed below on entitled:	or (if only) of the	y one name is liste subject matter w	ed below) or an original, first and hich is claimed and for which a
the specification of wh	ich is a	ttached hereto u	nless the	following box is	checked:
() was filed on		as U	S Applica	ation No. or PCT Ir	nternational Application
					(If applicable).
including the claims, a disclose all information Foreign Application(s) and/or I hereby claim foreign priorit	is amen which rClaim of ty benefit	ded by any ame is material to pat Foreign Priority s under Title 35, Ur	endment entabilit	(s) referred to about a second in 37 second Section 119 of	f any foreign application(s) for patent c
inventor(s) certificate listed i a filing date before that of th	below and below and below and	d have also identified tion on which priorit	l below an y is claime	y foreign application fo ed:	or patent or inventor(s) certificate havin
COUNTRY		APPLICATION NUM	BER	DATE FILED	PRIORITY CLAIMED UNDER 95 U.S.C. 119
					YES: NO:
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Provisional Application I hereby claim the benefit uselow:	nder Title	35, United States (Code Secti	on 119(e) of any Unite	ed States provisional application(s) liste
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manner provided by the first information as defined in Titl application and the national of APPLICATION NUMBER	le 37, Co or PCT ini	de of Federal Regula	tions, Sect of this ap	ion 1.56(a) which occi plication:	knowledge the duty to disclose materia urred between the filing date of the prio
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POWER OF ATTORNEY: As a named inventor, I her business in the Patent and To Customer	rademark	Office connected the	tomey(s) arewith:	and/or agent(s) to pro	osecute this application and transact a
				Label here	
Send Correspondence to HEWLETT-PACKARD CO				Direct Teleph	one Calls To:
Intellectual Property Adm		n		Howard Boyl	le .
P.O. Box 272400 Fort Collins, Colorado 80	D527-240	0		(281) 518-96	345
made on information a	and be that wi , under	lief are believed Ilful false state: Section 1001 o	to be tr nents a f Title 1	ue; and further th nd the like so m 8 of the United S	are true and that all statement nat these statements were made are punishable by fine of attes Code and that such willfuent issued thereon.
Full Name of Inventor: Dor	nald J. I	asen	· · · · · · · · · · · · · · · · · · ·	Citizenship: U	J,S,
Residence: 12	129 M	usket Dr., Boise,	ID 837	13	· · · · · · · · · · · · · · · · · · ·
		Residence			
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Inventor's Signature

Rev 10/03 (DecPwr)

PATENT APPLICATION

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400 ATTORNEY DOCKET NO. 10016512-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

MEMORY
Filing date: Application No.:
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.
I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC;
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.
I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 10/27/03 Inventor's Signature (Seal)
Inventor's Typed Name: Donald J. Fasen Date Application Signed: 10/27/63
State of)
) ss.: County of)
Before me this day of, personally appeared Donald J. Fasen who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.
Notary Public

My commission expires: